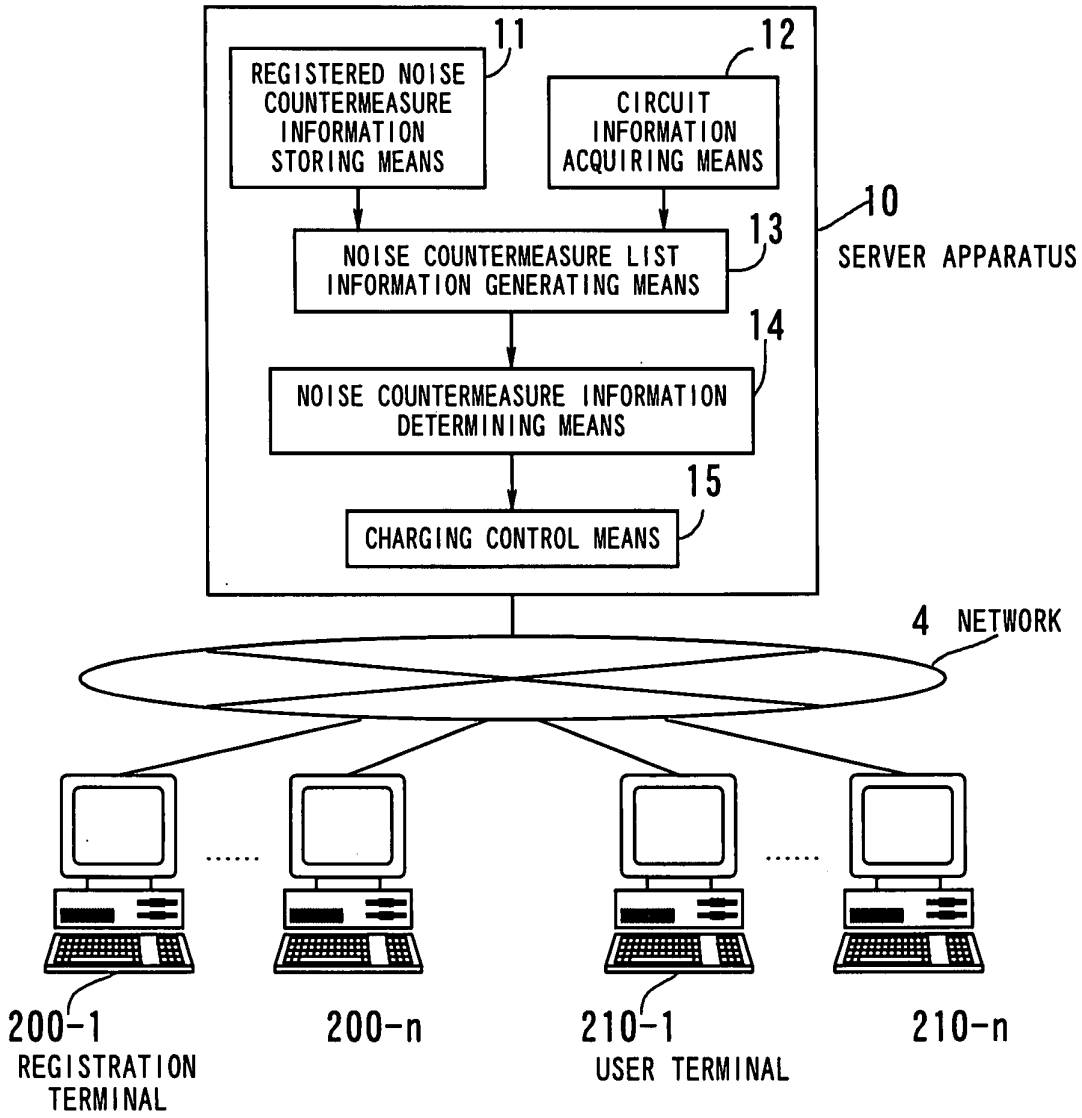
11
REGISTERED NOISE COUNTERMEASURE INFORMATION STORING MEANS
12
CIRCUIT INFORMATION ACQUIRING MEANS
10
SERVER APPARATUS
13
NOISE COUNTERMEASURE LIST INFORMATION GENERATING MEANS
14
NOISE COUNTERMEASURE INFORMATION DETERMINING MEANS
15
CHARGING CONTROL MEANS
4 NETWORK
200-1
REGISTRATION TERMINAL
200-n
210-1
USER TERMINAL
210-n

FIG. 1

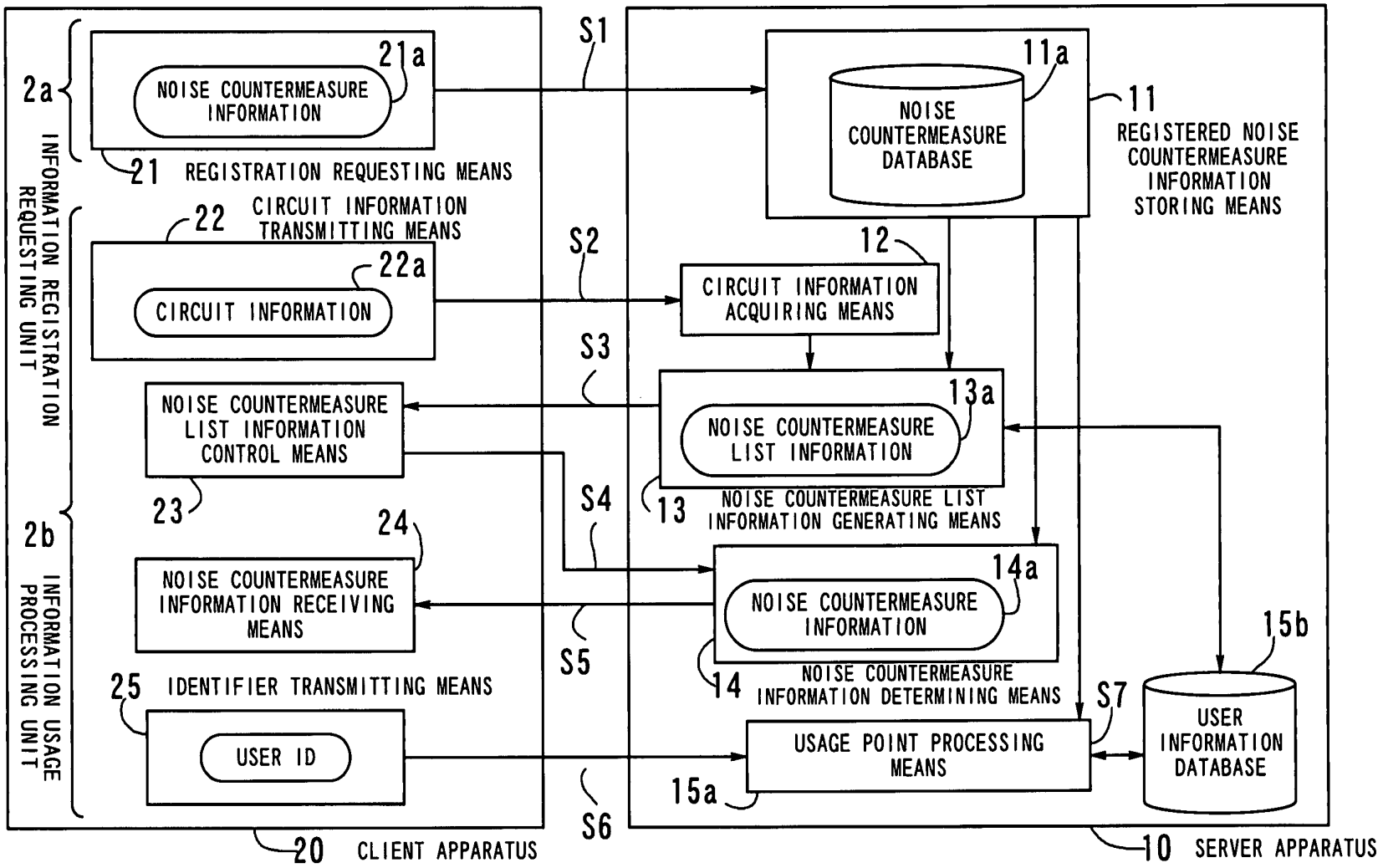
2a
INFORMATION REGISTRATION REQUESTING UNIT
2b
INFORMATION USAGE PROCESSING UNIT
NOISE COUNTERMEASURE INFORMATION
21a
21 REGISTRATION REQUESTING MEANS
22 CIRCUIT INFORMATION TRANSMITTING MEANS
CIRCUIT INFORMATION
22a
NOISE COUNTERMEASURE LIST INFORMATION CONTROL MEANS
23
24
NOISE COUNTERMEASURE INFORMATION RECEIVING MEANS
25 IDENTIFIER TRANSMITTING MEANS
USER ID
20 CLIENT APPARATUS
S1
S2
S3
S4
S5
S6
S7
11a
NOISE COUNTERMEASURE DATABASE
11 REGISTERED NOISE COUNTERMEASURE INFORMATION STORING MEANS
12
CIRCUIT INFORMATION ACQUIRING MEANS
13a
NOISE COUNTERMEASURE LIST INFORMATION
13 NOISE COUNTERMEASURE LIST INFORMATION GENERATING MEANS
14a
NOISE COUNTERMEASURE INFORMATION
14 NOISE COUNTERMEASURE INFORMATION DETERMINING MEANS
15a
USAGE POINT PROCESSING MEANS
15b
USER INFORMATION DATABASE
10 SERVER APPARATUS

FIG. 2

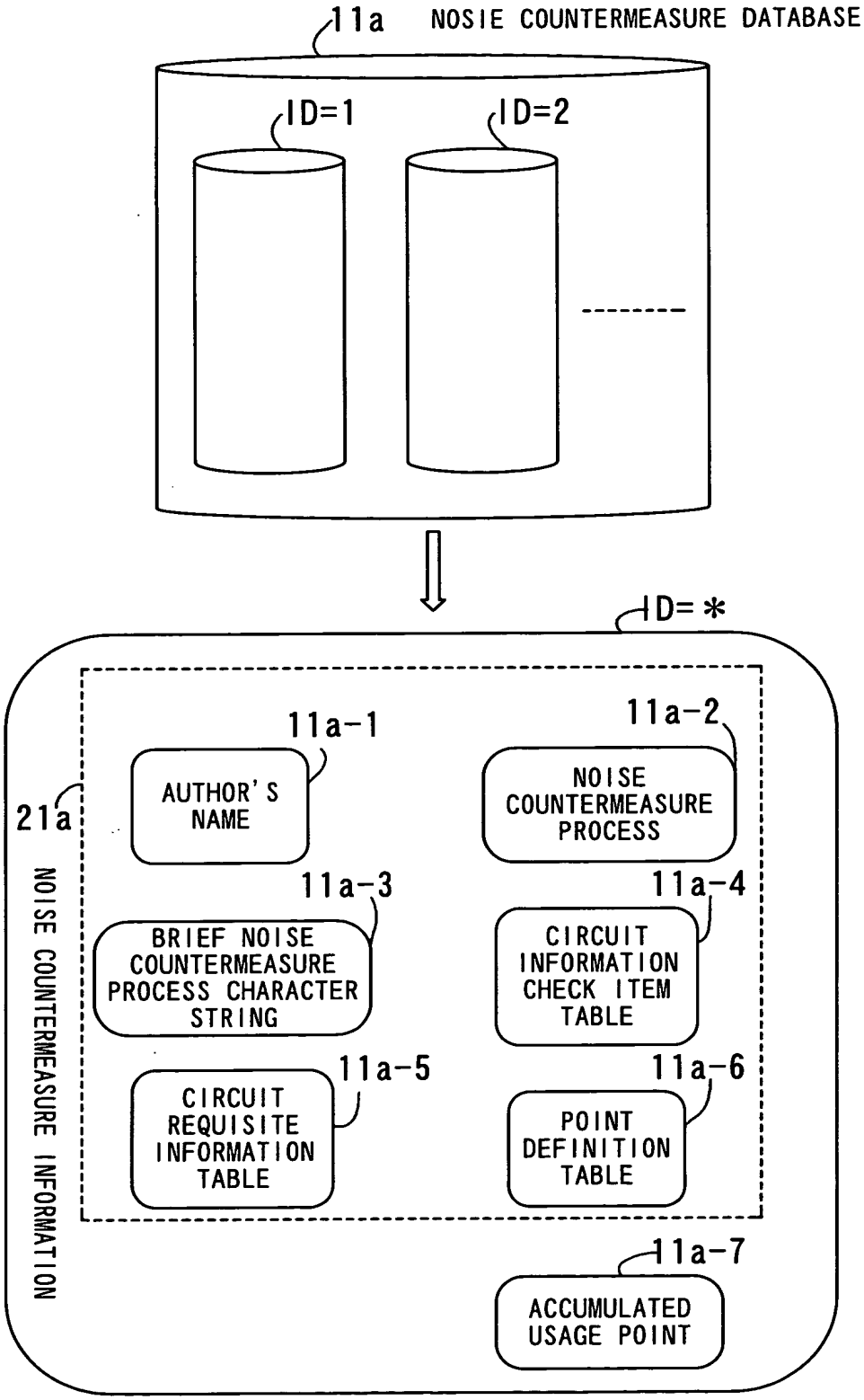
11a NOSIE COUNTERMEASURE DATABASE
ID=1
ID=2
ID=*
21a
NOISE COUNTERMEASURE INFORMATION
11a-1
AUTHOR'S NAME
11a-2
NOISE COUNTERMEASURE PROCESS
11a-3
BRIEF NOISE COUNTERMEASURE PROCESS CHARACTER STRING
11a-4
CIRCUIT INFORMATION CHECK ITEM TABLE
11a-5
CIRCUIT REQUISITE INFORMATION TABLE
11a-6
POINT DEFINITION TABLE
11a-7
ACCUMULATED USAGE POINT

FIG. 3

11a-5 CIRCUIT REQUISITE INFORMATION TABLE

CIRCUIT REQUISITE INFORMATION	ITEM REQUIRED FOR NOISE COUNTERMEASURE
1 - TO -1 TRANSMISSION	TRUE
DETERMINED VALUE OF INPUT VOLTAGE OF RECEIVER(MAXIMUM VALUE VIH)	TRUE
DETERMINED VALUE OF INPUT VOLTAGE OF RECEIVER(MINIMUM VALUE VIH)	TRUE
DETERMINED VALUE OF INPUT VOLTAGE OF RECEIVER(VTH)	TRUE
DETERMINED VALUE OF INPUT VOLTAGE OF RECEIVER(MAXIMUM VALUE VIL)	TRUE
DETERMINED VALUE OF INPUT VOLTAGE OF RECEIVER(MINIMUM VALUE VIL)	TRUE
DAMPING RESISTOR VALUE	TRUE
INSERTED POSITION OF DAMPING RESISTOR	TRUE
FALL TIME OF DRIVER	TRUE
RISE TIME OF DRIVER	TRUE
INTERNAL RESISTANCE VALUE OF DRIVER	TRUE
POWER SUPPLY VOLTAGE VALUE OF DRIVER	TRUE
PROPAGATION DELAY TIME PER UNIT LENGTH OF TRANSMISSION LINE	TRUE

FIG. 4

11a-6 POINT DEFINITION TABLE

GROUP NAME	USAGE POINT
GROUP A	0
GROUP B	5 0
GROUP C	6 0
OTHER	1 0 0

FIG. 5

09/30/2003, EAST Version: 1.03.0002

11-1 MANAGEMENT TABLE

11a-7

ID	AUTHOR'S NAME	NOISE COUNTER-MEASURE PROCESS	BRIEF NOISE COUNTERMEASURE PROCESS CHARACTER STRING	CIRCUIT INFORMATION CHECK ITEM TABLE	CIRCUIT REQUISITE INFORMATION TABLE	POINT DEFINITION TABLE	ACCUMULATED USAGE POINT
1	COMPANY A	PROGRAM X	PROCESS X	TABLE	TABLE	TABLE	0
2	COMPANY B	PROGRAM Y	PROCESS Y	TABLE	TABLE	TABLE	240
3	COMPANY C	PROGRAM Z	PROCESS Z	TABLE	TABLE	TABLE	1000

FIG. 6

15b USER INFORMATION DATABASE

USER ID	GROUP NAME	ACCUMULATED USAGE POINT
1	GROUP A	0
2	GROUP B	240
3	GROUP C	1000

FIG. 7

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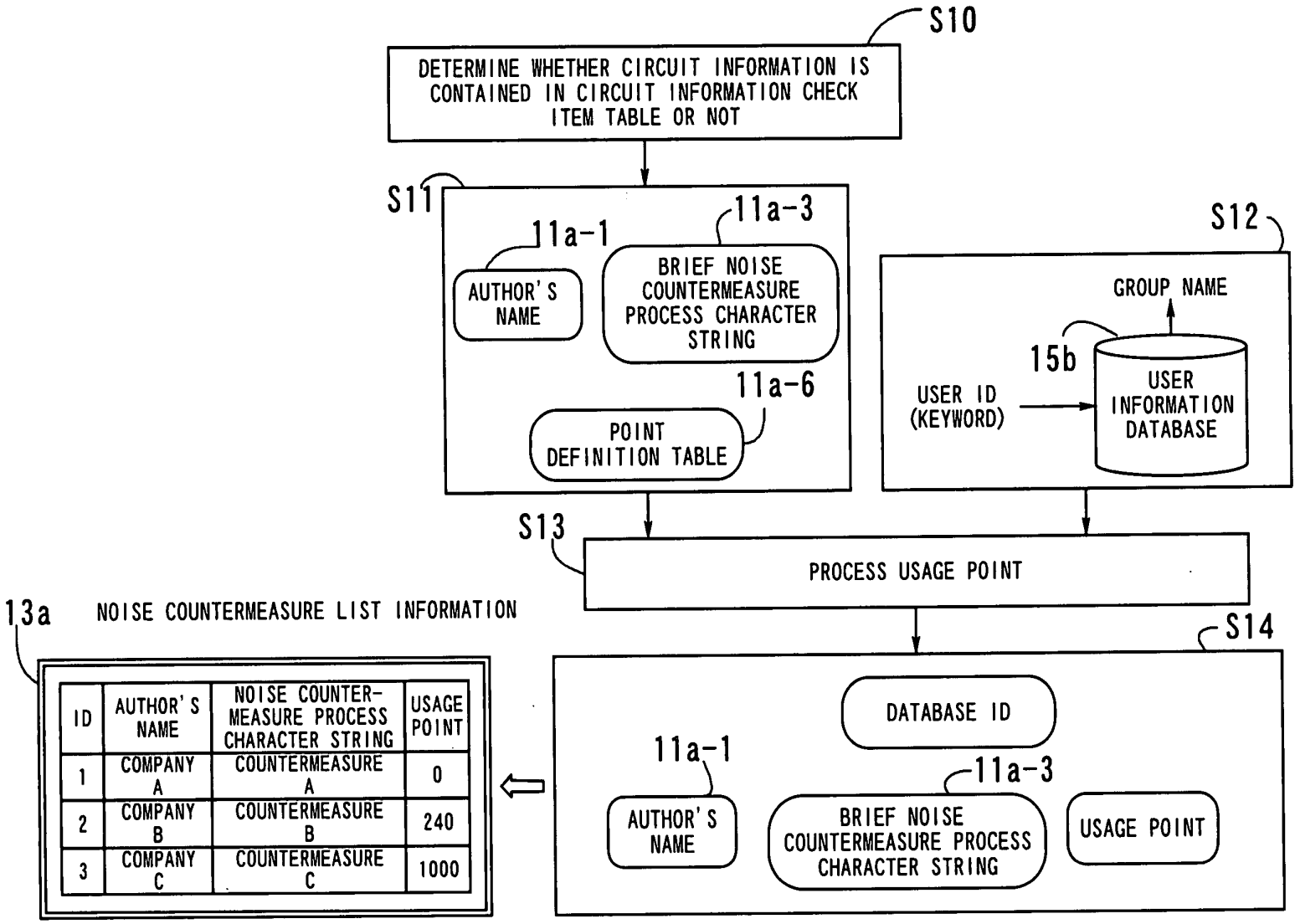

ID	AUTHOR'S NAME	NOISE COUNTER-MEASURE PROCESS CHARACTER STRING	USAGE POINT
1	COMPANY A	COUNTERMEASURE A	0
2	COMPANY B	COUNTERMEASURE B	240
3	COMPANY C	COUNTERMEASURE C	1000

FIG. 8

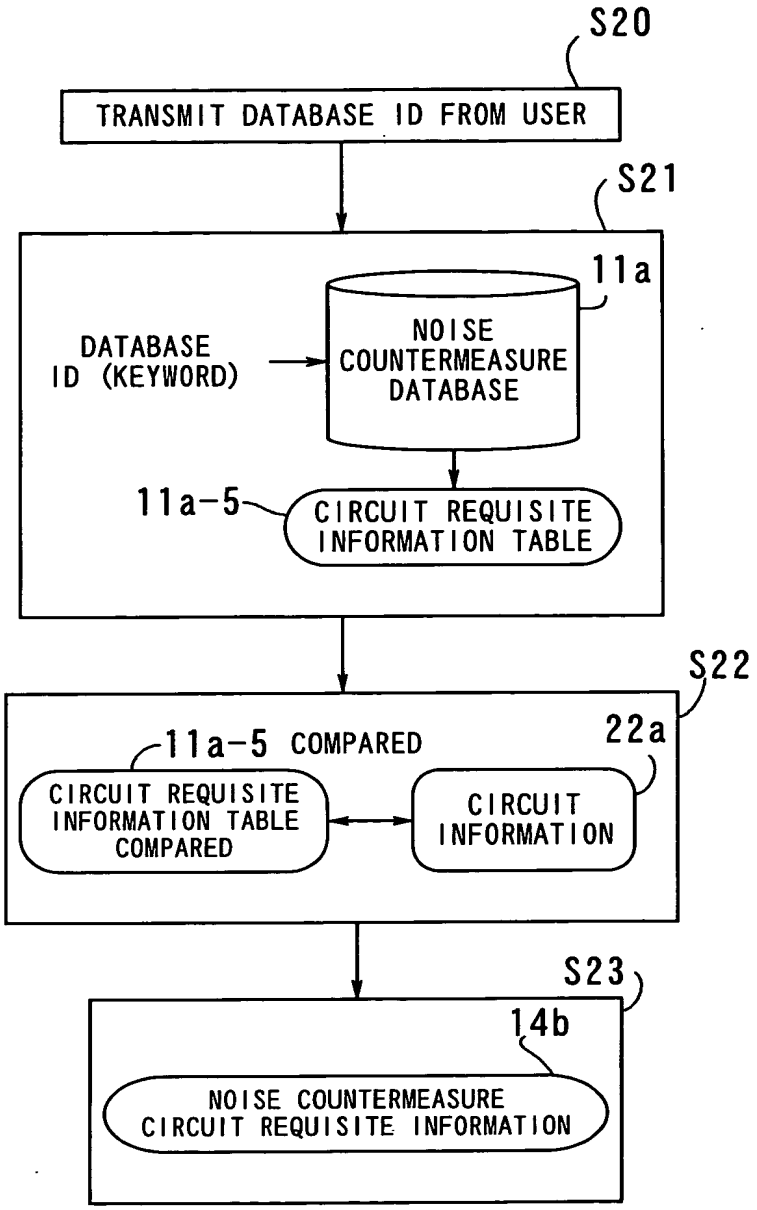
S20
TRANSMIT DATABASE ID FROM USER
S21
11a
DATABASE ID (KEYWORD)
NOISE COUNTERMEASURE DATABASE
11a-5
CIRCUIT REQUISITE INFORMATION TABLE
S22
11a-5 COMPARED
22a
CIRCUIT REQUISITE INFORMATION TABLE COMPARED
CIRCUIT INFORMATION
S23
14b
NOISE COUNTERMEASURE CIRCUIT REQUISITE INFORMATION

FIG. 9

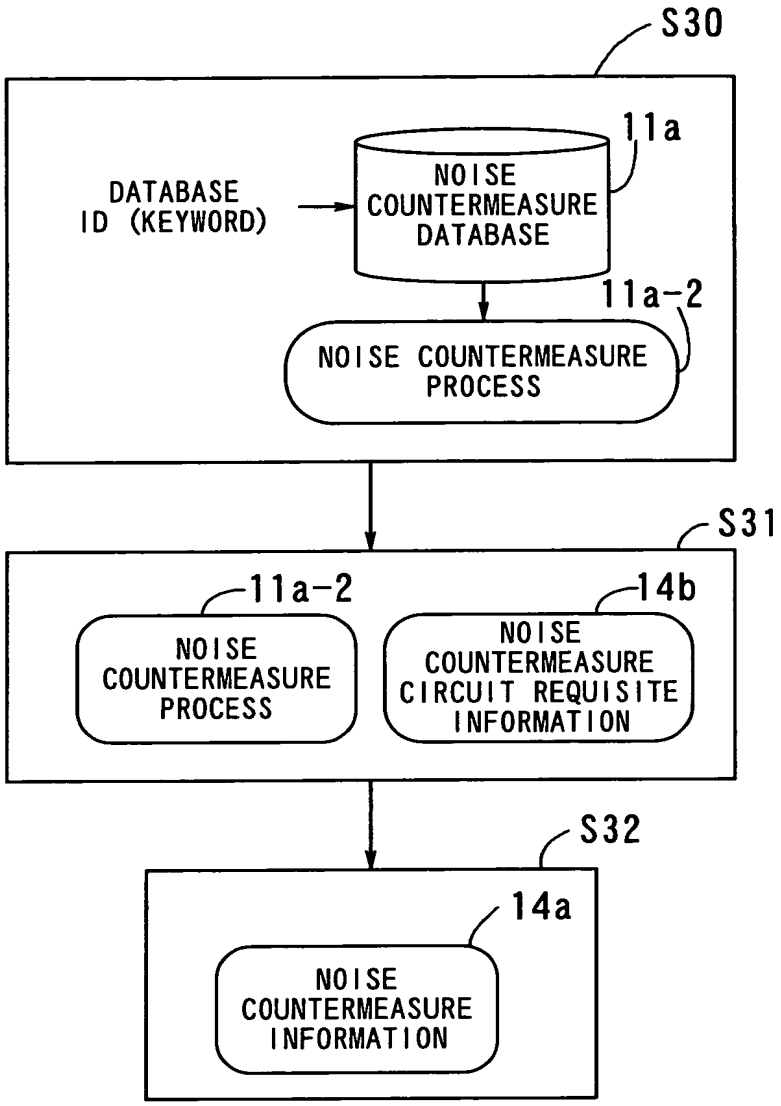
S30
11a
DATABASE
ID (KEYWORD)
NOISE
COUNTERMEASURE
DATABASE
11a-2
NOISE COUNTERMEASURE
PROCESS
S31
11a-2
14b
NOISE
COUNTERMEASURE
PROCESS
NOISE
COUNTERMEASURE
CIRCUIT REQUISITE
INFORMATION
S32
14a
NOISE
COUNTERMEASURE
INFORMATION

FIG. 10

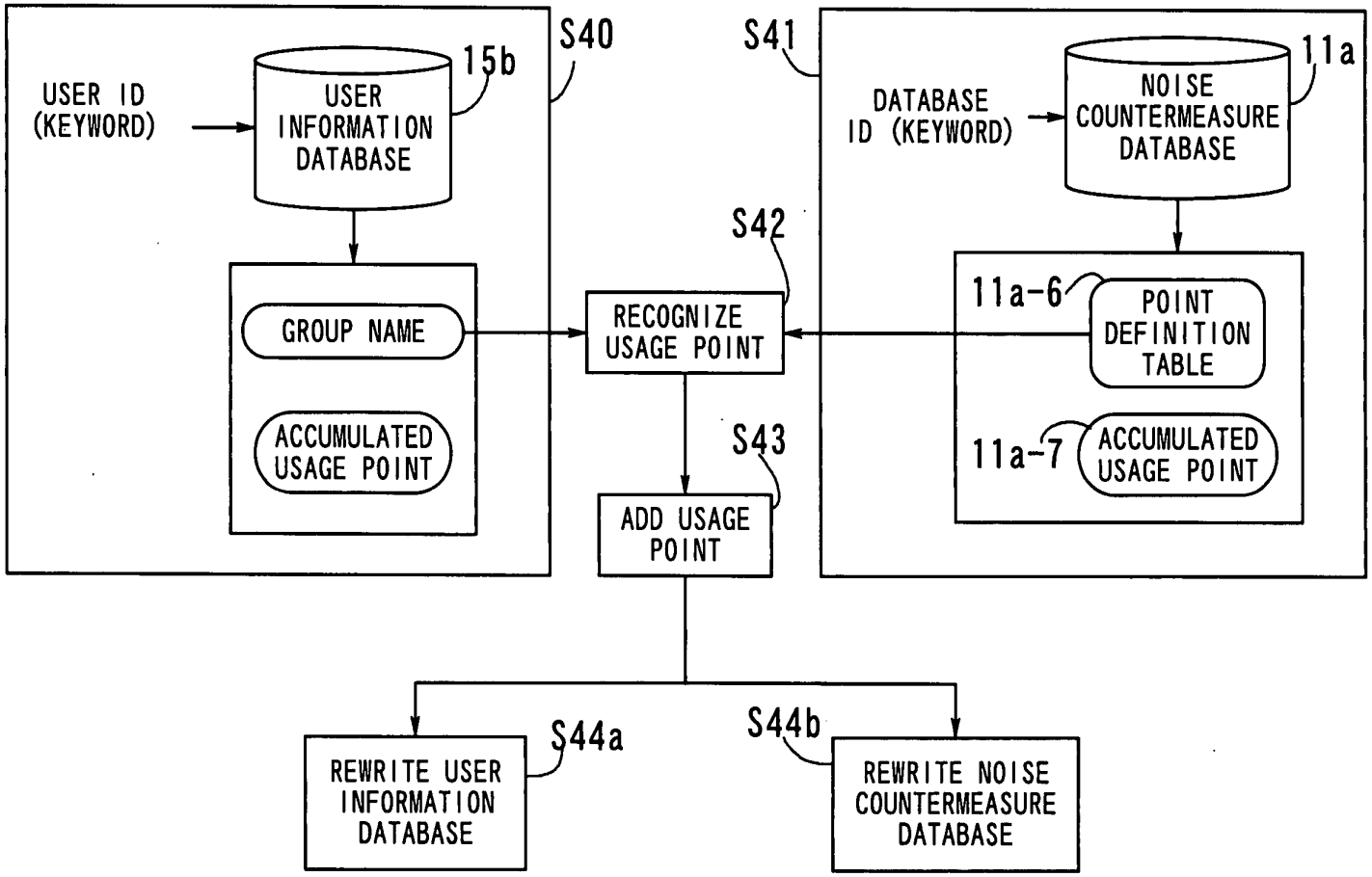
USER ID
(KEYWORD)
USER
INFORMATION
DATABASE
15b
S40
GROUP NAME
ACCUMULATED
USAGE POINT
S41
DATABASE
ID (KEYWORD)
NOISE
COUNTERMEASURE
DATABASE
11a
S42
RECOGNIZE
USAGE POINT
11a-6
POINT
DEFINITION
TABLE
11a-7
ACCUMULATED
USAGE POINT
S43
ADD USAGE
POINT
S44a
REWRITE USER
INFORMATION
DATABASE
S44b
REWRITE NOISE
COUNTERMEASURE
DATABASE

FIG. 11

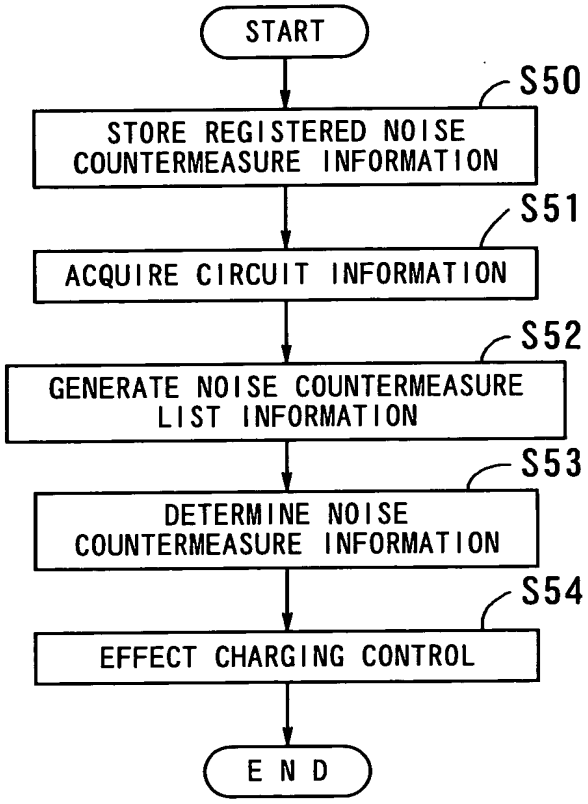
START
S50
STORE REGISTERED NOISE COUNTERMEASURE INFORMATION
S51
ACQUIRE CIRCUIT INFORMATION
S52
GENERATE NOISE COUNTERMEASURE LIST INFORMATION
S53
DETERMINE NOISE COUNTERMEASURE INFORMATION
S54
EFFECT CHARGING CONTROL
END

FIG. 12